

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6614452").PN.	USPAT	OR	OFF	2006/04/03 09:34
L2	0	("6614452").URPN.	USPAT	OR	OFF	2006/04/03 09:42
L3	8	("4948975"   "5202091"   "5625377"   "5650135"   "5740267"   "5970164"   "6332038"   "6333752").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 09:42
S62	18055	superimpos\$3 with image\$1	USPAT	OR	OFF	2006/03/31 11:54
S63	120	superimpos\$3 with icon\$1 with image\$1	USPAT	OR	OFF	2006/03/31 11:55
S64	178	(382/180).CCLS.	USPAT	OR	OFF	2006/03/31 14:44
S65	0	("imageadjrecognition").PN.	USPAT	OR	OFF	2006/03/31 18:24
S66	2895	image adj recognition	USPAT	OR	OFF	2006/03/31 18:26
S67	26661	("382").CLAS.	USPAT	OR	OFF	2006/03/31 18:27
S68	0	("superimpos\$\$orplac\$4orposition\$4)withicon\$1").PN.	USPAT	OR	OFF	2006/03/31 18:27
S69	5215	(superimpos\$4 or plac\$4 or position\$4) with icon\$1	USPAT	OR	OFF	2006/03/31 18:28
S70	182	S67 and S69	USPAT	OR	OFF	2006/03/31 18:52
S71	196	(382/129).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/01 14:14
S72	403	(715/512).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/01 14:14
S73	0	("imageadj(recognitionoranalysis)").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/01 14:15
S74	12601	image adj (recognition or analysis)	USPAT	OR	OFF	2006/04/01 14:15
S75	2	S72 and S74	USPAT	OR	OFF	2006/04/01 14:15
S76	0	("6993172").URPN.	USPAT	OR	OFF	2006/04/01 14:33
S77	10	("5837475"   "6083763"   "6100030"   "6122407"   "6249593"   "6341182"   "6344316"   "6349144"   "6355423"   "6516276").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 14:42
S78	1728	(382/128).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/01 14:42
S79	196	(382/129).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/01 14:43
S80	829	S78 not S79	USPAT	OR	OFF	2006/04/01 14:43
S81	1700	S78 not S79	US-PGPUB; USPAT	OR	OFF	2006/04/01 15:27
S82	28	(S78 and S79) and background\$1	US-PGPUB; USPAT	OR	OFF	2006/04/01 15:27

## EAST Search History

S83	28	(S78 and S79) and(background\$1 or (back adj ground\$1))	US-PGPUB; USPAT	OR	OFF	2006/04/01 15:28
S84	16670	microarray\$1 or (molecular adj array\$1) or biochip\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 15:37
S85	1066	S84 same (background\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 15:34
S86	486	S84 with (background\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 15:38
S87	26345	microarray\$1 or (molecular adj array\$1) or biochip\$1 or biosensor\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 21:09
S88	35847	background\$1 with (noise or fluctuation\$1 or variation\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 16:10
S89	2169	S87 and S88	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 15:39
S90	320	S87 same S88	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 15:39
S91	151	S87 with S88	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 15:39
S92	0	("2003/0081819").URPN.	USPAT	OR	OFF	2006/04/01 15:50
S93	55	("20010033364"   "20020052882"   "20030044775"   "20030071843"   "20030112446"   "20030219150"   "20030235840"   "5371669"   "5371834"   "5631734"   "5733729"   "5784162"   "5812272"   "5822466"   "5858659"   "5925525"   "5968740"   "5974164"   "6025601"   "6066454"   "6090555"   "6136541"   "6142681"   "6165734"   "6171793"   "6185561"   "6218122"   "6223127"   "6225625"   "6228593"   "6229911"   "6242180"   "6245511"   "6294327"   "6308170"   "6342355"   "6344316"   "6349144"   "6361937"   "6368799"   "6370478"   "6391550"   "6420108"   "6453241"   "6468744"   "6485913"   "6490533"   "6495363"   "6498863"   "6542638"   "6567750"   "6571005"   "6671625"   "6704662"   "6716629").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 15:57

## EAST Search History

S94	9476	(detect\$3 or indicat\$3 or identif\$4) with background\$1 with (noise or fluctuation\$1 or variation\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 16:32
S95	104	S94 same S87	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 16:25
S96	827	S94 and S87	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 16:25
S97	42	S95 not S91	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 16:25
S98	2043	(mark\$3 or indicat\$3) with background\$1 with (noise or fluctuation\$1 or variation\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 16:33
S99	104	S87 and S98	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 16:33
S100	83	S99 not (S91 or S97)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 16:33
S101	1	("6589740").PN.	USPAT	OR	OFF	2006/04/01 16:52
S102	1	("6531396").PN.	USPAT	OR	OFF	2006/04/01 16:53
S103	1	("6986993").PN.	USPAT	OR	OFF	2006/04/01 16:53
S104	1	("6589740").URPN.	USPAT	OR	OFF	2006/04/01 17:17
S105	3965	flag\$3 with (spot\$1 or feature\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 21:09
S106	26345	microarray\$1 or (molecular adj array\$1) or biochip\$1 or biosensor\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 21:20
S107	100	S105 and S106	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 21:09
S108	210775	microarray\$1 or (molecular adj array\$1) or biochip\$1 or biosensor\$1 or assay\$1 or macroarray\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 21:20
S109	289	S105 and S108	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 21:20

## EAST Search History

S11 0	0	S109 not S105	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 21:21
S11 1	189	S109 not S107	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 21:26
S11 2	1004	microassay\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 21:28
S11 3	2372	(spot or feature) adj detection	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 21:29
S11 4	29108	(feature\$1 or spot\$1) with qualit\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 21:30
S11 5	184	S113 and S114	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/01 21:30